

NICHOLAS J. MELAS  
PRESIDENT



CERTIFIED MAIL  
#7035050

#24 DLPC

**METROPOLITAN SANITARY DISTRICT  
OF GREATER CHICAGO**

100 EAST ERIE ST. CHICAGO, ILLINOIS 60611 751-5600

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June 20, 1983

Mr. Richard J. Carlson, Director  
Illinois Environmental Protection Agency  
2200 Churchill Road  
Springfield, Illinois 62706

Attention: ~~Mr. Eugene F. Seebald~~ <sup>DLPC</sup> Manager  
Division of Water Pollution Control

Subject: 103rd & Doty Landfill Site  
Groundwater Monitoring Well Data  
Location No. 03160011

<b>RECEIVED - DWPC</b>	
Grant Administration Section	
JUN 27 1983	
STEP	<input type="checkbox"/>
CORRESP.	<input type="checkbox"/>
PAYMENT	<input type="checkbox"/>
DISCARD	<input type="checkbox"/>

Dear Sir:

Attached hereto is one copy of Table 1 listing analytical data resulting from monitoring operations on April 21, 1983 (second quarter 1983 sampling). Also attached is Figure 1 showing the location of the monitoring wells relative to the closure site.

Monitoring operations are limited to wells #1 and #3. Wells #2 and #4 when drilled did not yield sufficient water for sampling and were not placed in operation. Monitoring data for Wells #1 and #3 will continue to be submitted on a quarterly basis.

Very truly yours,

LEO R. DIVITA  
Assistant Chief Engineer

EPA Region 5 Records Ctr.



300960

LRD:ab

w/attachments

cc: Mr. Marek, Coordinator  
IEPA

**RECEIVED**

JUN 28 1983

E.P.A. — D.L.P.C.  
STATE OF ILLINOIS

THE METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO

TABLE 1

ANALYSIS OF WATER FROM MONITORING WELLS NO. 1 AND NO. 3  
AT THE CITY OF CHICAGO, 103rd STREET AND DOTY AVENUE  
LANDFILL SITE. WELLS WERE SAMPLED APRIL 21, 1983

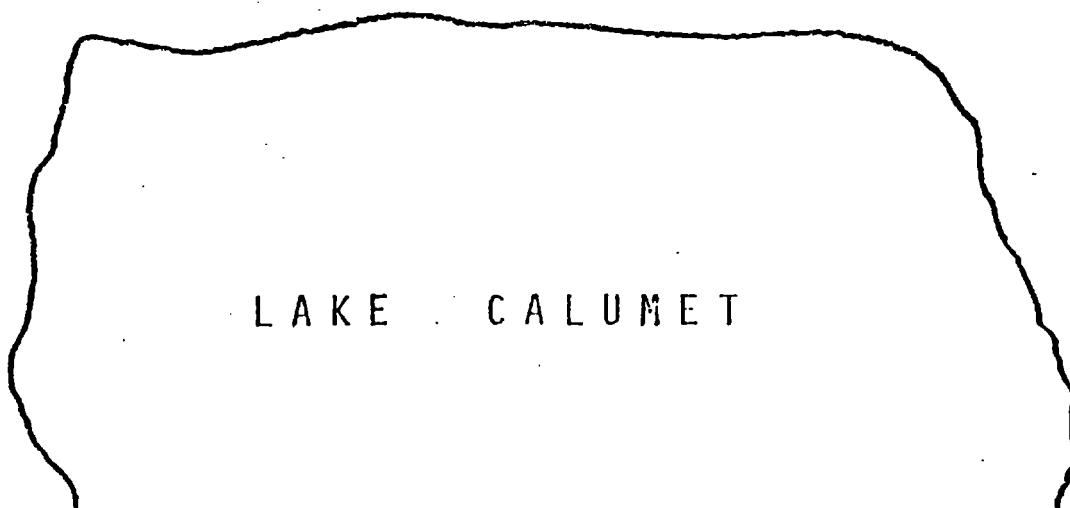
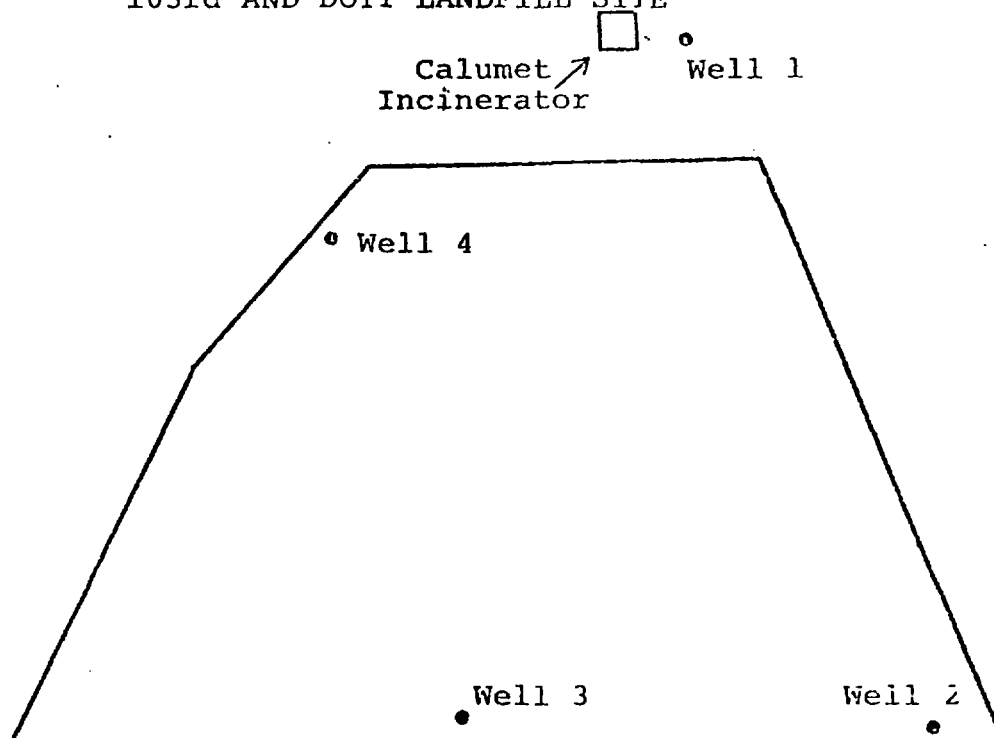
Parameter		Well 1	Well 3
	pH	8.7	8.9
SC	EC	530	510
ROE	Total Dissolved Solids	272	408
TOC	Total Dissolved Org. C	2	3
	Cl	28	31
	SO <sub>4</sub>	11	8
	ORP	NA*	NA
	NH <sub>3</sub> -N	0.2	<0.1
	NO <sub>2</sub> -N	0.01	0.01
	NO <sub>3</sub> -N	<0.01	0.24
	Alk. as CaCO <sub>3</sub>	154	194
	Fecal Coliform/100mL	<1	<1
	K	4.5	4.7
	Na	74	95
	Ca	8.0	5.0
	Mg	4.1	3.0
	Cd	<0.02	<0.02
	Cu	<0.02	<0.02
	Ni	<0.1	<0.1
	Mn	<0.02	<0.02
	Pb	0.02	<0.02
	Hg	0.1	<0.1
	Static H <sub>2</sub> O elev.	566.1	565.7

\* No analysis.

THE METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO

FIGURE 1

LOCATION OF THE FOUR MONITORING WELLS AT THE CITY OF CHICAGO  
103rd AND DOTY LANDFILL SITE



LAKE CALUMET